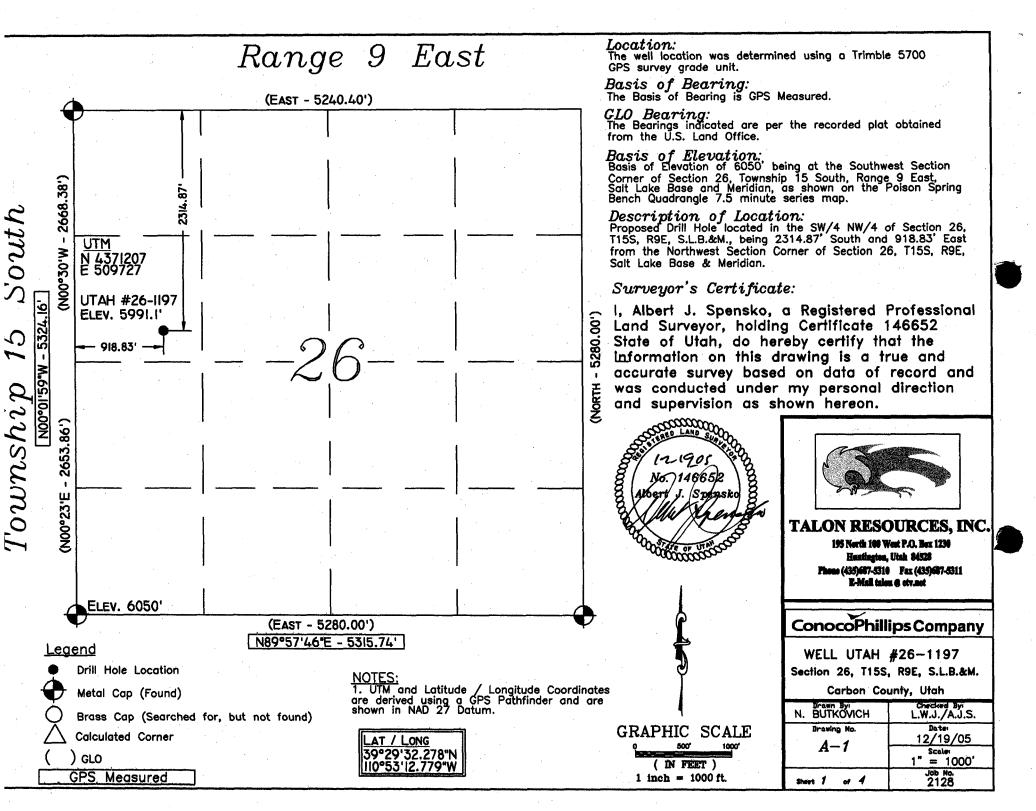


DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	FORM

			DIV		L, GAS AND MINING	,		ED REPORT   t changes)
<del></del>		APPLICAT	ON FOR I	PERMIT TO	DRILL		5. MINERAL LEASE NO: ML-48235	6. SURFACE: State
1A. TYPE OF WO	DRK: D	RILL 🗸 F	REENTER [	DEEPEN			7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:
B. TYPE OF WE	01 [7	GAS 🗾 C	THER	SING	GLE ZONE 🗖 , MULTIPLE ZON	ᇉ┌┐┟	8. UNIT or CA AGREEMENT I	
2. NAME OF OPE		GAO [E] C	/IIILK		- MOETH CE ZON		Drunkards Wash  9. WELL NAME and NUMBER	
ConocoPhi	llips Compa	any					Utah 26-1197	
3. ADDRESS OF P.O. Box 5		<sub>CITY</sub> Midlan	d <sub>etat</sub>	Tx ZIP 79	PHONE NUMBER: (432) 688-6943		10. FIELD AND POOL, OR W Drunkards Wash	LDCAT:
4. LOCATION OF	WELL (FOOTAG		5097337		39.492357		11. QTR/QTR, SECTION, TOV MERIDIAN:	MNSHIP, RANGE,
		& 919 FWL	4371213	34	-110.886810		SWNW 26 158	9E
AT PROPOSED	PRODUCING ZO	<sub>one:</sub> Same as	Surface	•	110.000010			
14. DISTANCE IN	MILES AND DIRE	ECTION FROM NEAR	EST TOWN OR POS	ST OFFICE:			12. COUNTY:	13. STATE: UTAH
		of Price, Utah					Carbon	
15. DISTANCE TO 919'	O NEAREST PRO	PERTY OR LEASE LIF	NE (FEET)	16. NUMBER OF	FACRES IN LEASE: 600 acres	17. NU	MBER OF ACRES ASSIGNED	160 acres
18. DISTANCE TO	O NEAREST WEL	L (DRILLING, COMPL	ETED, OR	19. PROPOSED		20. BO	ND DESCRIPTION:	100 40103
APPLIED FOR <b>1300'</b>	R) ON THIS LEASI	E (FEET)			2,710	Sta	tewide	
	•	ER DF, RT, GR, ETC.)	<del></del> _	1	ATE DATE WORK WILL START:		IMATED DURATION:	
5991.1' G	R			6/1/2009	) 	30	days 	
24.			PROPOSI	ED CASING AI	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIGH	IT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	ANTITY, Y	TELD, AND SLURRY WEIGHT	
15"	12 3/4"	H40	40.5#	40				
11"	8 5/8"	J55	24#	400	170 sxs G + 2% CaCl 1	1.18 cu	ıft/sk 15.6ppg	<u> </u>
7 7/8"	5 1/2"	N80	17#	2,700	110 sxs Std Cmt 10%	Ca	lseal 1.61 cuft/sk	14.2 ppg
					200 sxs 50/50 Poz 8% E	Bent +	10% CalSeal 1/4	2.5 ppg
25.				ATTA	CHMENTS			÷
VERIFY THE FOL	LOWING ARE AT	TACHED IN ACCORD	ANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
☐ WELL DI	AT OR MAD DREE	PARED BY LICENSED	SURVEYOR OR EN	JGINEER	COMPLETE DRILLING PLAN			
		TWATER RIGHTS A			FORM 5, IF OPERATOR IS PE	ERSON OF	COMPANY OTHER THAN TH	HE LEASE OWNER
EVIDENC	LOI BIVISIONO	NATER RIGHTS A	- NOVALTON OSL	OI WATER	TORWIG, II OF EIGHT ON 16 TE	- NOON OF	COOM ART OTHER WAR	TE EEF OF OVVICE
					, <del>v.</del>			
NAME (PLEASE	PRINT) Donna	a Williams			Sr. Regulatory	/ Spec	ialist	
SIGNATURE	<u> </u>	Ceu 2			DATE 3/19/2009	4;		
(This space for Sta	te use only)	-			Approved by the Utah Division of		RECEI MAR 23	VED
API NUMBER AS	SIGNED:	13-007-31	493	—— ——	l, Gas and Mining  APPROVAL:		MAR 23	2009
(11/2001)				Date:	04-15-041		DIV. OF OIL, GAS	& MINING

(11/2001)



# EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
<u>Utah 26-1197</u>
<u>SW/4, NW/4, Sec.26, T15S, R9E, SLB & M</u>
<u>2315' FNL, 919' FWL</u>
Carbon County, Utah

### 1. The Surface Geologic Formation

Mancos Shale

### 2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 2196'

### 3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 2228' - 2344'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

### 4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
14 3/4"	12 3/4"	40.5	H-40	ST&C	0-50'
11"	8 5/8"	24.0	J-55	ST&C	0-400'
7 7/8"	5 ½"	17.0	N-80	LT&C	0-2700

### **Cementing Program**

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl<sub>2</sub> mixed at 15.6 ppg (yield =1.18 ft<sup>3</sup>/sx). The cement will be circulated back to surface with 100% excess.

The 5 ½" production casing will be set and cemented using a two stage cementing process. This entails setting casing to total TD and running a DV tool to approximately 300' of the top of the Ferron.

The 1<sup>st</sup> Stage of cement will then be pumped to approximately 50' from the DV tool. After cement is pumped, the cement cap will be removed and a wiper plug installed. The cement cap will then be screwed back on and a wiper plug will be displaced to TD. The cement cap will be removed and the DV tool bomb will be dropped followed by the 2<sup>nd</sup> Stage wiper plug. (This is done to open the DV tool and establish circulation.) Once circulation is established, circulation will continue at approximately 1 bpm for 4 hours while waiting on cement (WOC). WOC at a minimum of 4 hours before beginning 2<sup>nd</sup> stage cement job. After the 2<sup>nd</sup> Stage has been pumped, a top wiper plug will be dropped and displaced with water (or water spacer and mud). Shut in well and WOC.

The 5 ½" production casing will be set with approximately 110 sacks of Standard Cement, 10% Cal Seal 60 (accelerator), 1% Calcium Chloride (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.61 ft³/sx at 14.2 ppg; calculated with an excess of 35% for the 1st Stage. For the 2nd stage, approximately 200 sx of 50/50 POZ Premium cement, 8% Bentonite (light weight additive), 10% Cal Seal 60 (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.98 ft³/sx at 12.5 ppg; calculated with an excess of 30% for the 2nd Stage.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

### The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

### 5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

### 6. The Type and Characteristics of the Proposed Circulating Muds

0-400 11" hole Drill with air, will mud-up if necessary.

400-TD 7 7/8" hole Drill with air, will mud-up if necessary.

400 psi @ 1400-1600 cfm

### 7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

### Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1191 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around February 1, 2006

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

### **SURFACE USE PLAN**

Attached to Form 3
ConocoPhillips Company
<u>Utah 26-1197</u>
<u>SW/4, NW/4, Sec.26, T15S, R9E, SLB & M</u>
<u>2315' FNL, 919' FWL</u>
Carbon County, Utah

### 1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

### 2. Planned Access

Approximately 1,050' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 10%
- c. Turnouts: None
- d. Drainage design: <u>3 culverts</u> may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

### 3. Location of Existing Wells

a. Refer to Drawing L-1.

### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### 5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### 6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### 7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

### 8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

### 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

### 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

### 11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

### 12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately <u>3 Miles Northeast.</u>
- b. Nearest live water is the Miller Creek located 1 mile North.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:l.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

### 13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

### **Excavation Contractor**

Larry Jensen, Vice President Nelco Contractors Inc. (435) 637-3495 (435) 636-5268

### Mail Approved A.P.D. To:

Donna Williams Sr. Regulatory Analyst ConocoPhillips Company P.O. Box 51810 Midland, Texas 79710

### 14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3118107

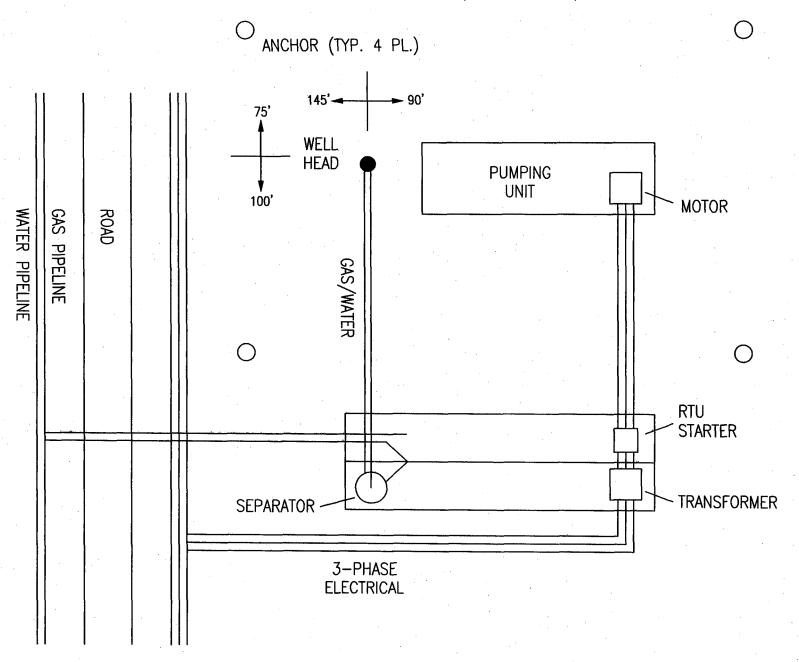
Date

Donna Williams

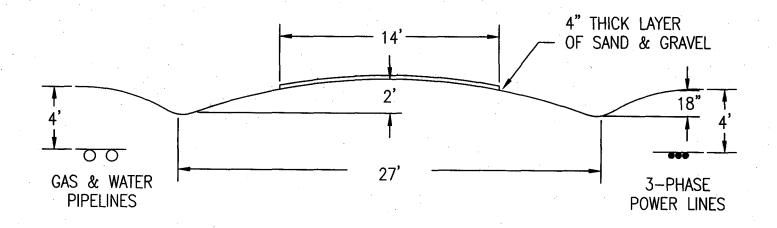
Sr. Regulatory Analyst ConocoPhillips Company

## CONOCOPHULIPS COMPANY

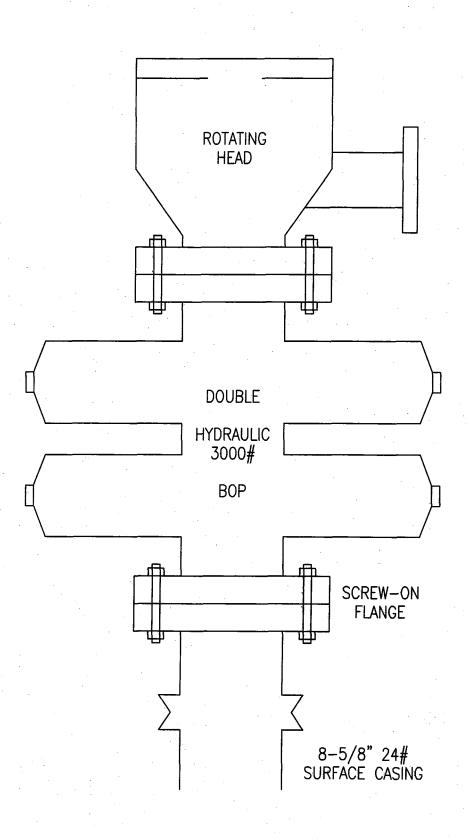
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



# DIVERTER HEAD CONOCOPHILLIPS COMPANY

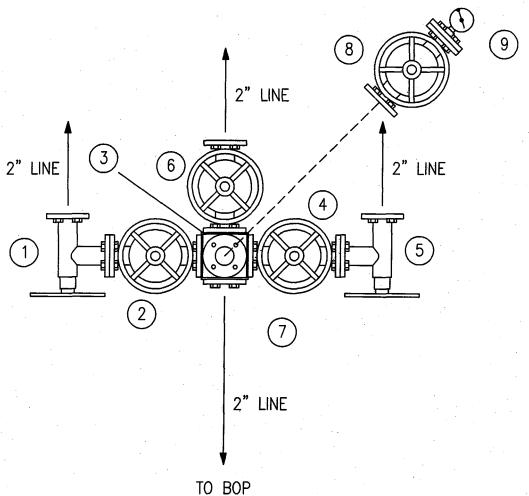


# CONOCOPHILLIPS COMPANY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CRÒSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

### NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



TO BOP AND A NEW 2" BALL VALVE FULL OPEN 5000 PSI

**MANIFOLD** 

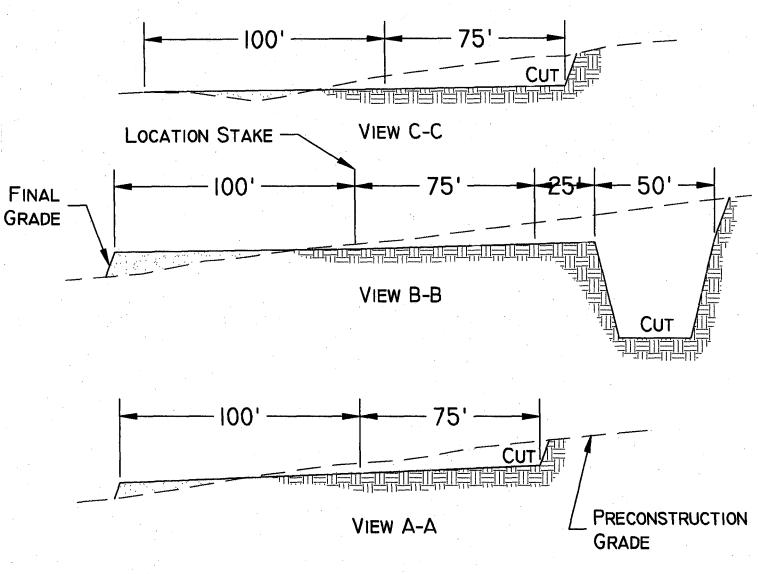
**EXHIBIT H** 

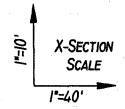
### FORM 4A

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		OUDETY	2012	
		SURETY BO	OND	
KNOW ALL MEN BY THESE PRE	SENTS:			
That we (operator name)CON and	OCOPHILLIPS CO	MPANY		as Principa
(surety name) <u>SAFECO INSURA</u> and qualified to do business in the	NCE COMPANY OF State of Utah, are h	AMERICA eld and firmly bound u	nto the State of Utah in the	as Surety, duly authorize
EIGHTY THOUSAND AND lawful money of the United States	NO/100****	***********	**************************************	
THE CONDITION OF THIS OBLIG repairing, operating, and plugging a oil or gas production and/or the inje	ATION IS SUCH TH and abandonment of action and disposal of	HAT, WHEREAS the F a well or wells and res of fluids in connection t	rincipal is or will be engage toring the well site or sites in herewith for the following de	ed in the drilling, redrilling, deepening a the State of Utah for the purposes o escribed land or well:
X Blanket Bond:	To cover all wells	drilled in the State of	Utah .	
Individual Bond:				
			Range:	
	County:		, Utah	
officers and its corporate or notary  301 day of De	to be dilbiod iii	•	and has caused this instrum	ent to be signed by its duly authorized
(Corporate or Notary Seal here)		CONOCOP.	HELLES GOMPANY	
	Ву	Vancs E	Principal (company	Carpuite Insuran Manager
Attestee: 6 36 April Da	ate: 12-30-02	Samer	7. Hugh Signature	er =
N TESTIMONY WHEREOF, said So be affixed this	urety has caused thi	s instrument to be sigr		icers and its corporate or notary sea
1ST day of JANUARY		, 20 <u></u>		·
		SAFECO	TNSURANCE COMPANY 0 Surety Company (Attach Po	F AMERICA
(Corporate or Notary Seal here)	Ву	TINA MARTE TO Name (print)		NEY-TN-PACT
Carolyn E. Whee	Pea	_ JUVA	VV Out 5 Signature	Rivella Salatana Canada Ca
CAPOLVN E HIERIAD	te: <u>12/20/2</u> 002	G//0 MARSH Surety Mailing Addi	ess ess	
NOTARY PUBLIC IY COMMISSION EXPIRES: NOT 5/2002)	/EMBER 1, 2006	City	6012, KNOXVILLE,	70 37936-6012 State Zip

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5991.1' ELEVATION OF GRADED GROUND AT LOCATION STAKE = 5990.6' **CUT 4.0'** 50'X50'X10 PIT 3665 **CUT 3.1**' **CUT 2.8**<sup>1</sup> 5995 **CUT 2.1 CUT 2.6**<sup>1</sup> 12" NAIL REFERENCE ACCESS ROAD CUT 1.3 750 145. UTAH #26-1197 ELEY 5991.1' -0665 **CUT 1.0'** CUT 0.5' TALON RESOURCES, INC. 00/ 195 North 100 West P.O. Box 1230 -0669 Hunthegton, Utah 84528 Phone (435)667-5310 Fax (435)667-5311 No CUT/FILL FILL 2.5 Conoco Phillips Company LOCATION LAYOUT Section 26, T15S, R9E, S.L.B.&M. FILL 1.6' WELL UTAH #26-1197 DRAWN BY: N. BUTKOVICH CHECKED BY: L.W.J. DATE DRAWING No. 12/15/05 A-2SCALE: |" = 50' 3-mar 2 or 4





SLOPE = | 1/2 : | (EXCEPT PIT) PIT SLOPE = | : |



### TALON RESOURCES, INC.

195 North 100 West P.O. Bex 1230 Huntington, Utah 84528 Phone (435)677-5310 Fax (435)687-5311 E-Mell talements not

### Conoco Phillips Company

TYPICAL CROSS SECTION
Section 26, T15S, R9E, S.L.B.&M.
WELL UTAH #26-1197

N. BUTKOVICH	CHECKED BY: L.W.J.			
DRAWING No.	DATE: 12/15/05			
C-1	SCALE:			
Sweet 3 or 4	Jas No. 2128			

### APPROXIMATE YARDAGES

CUT

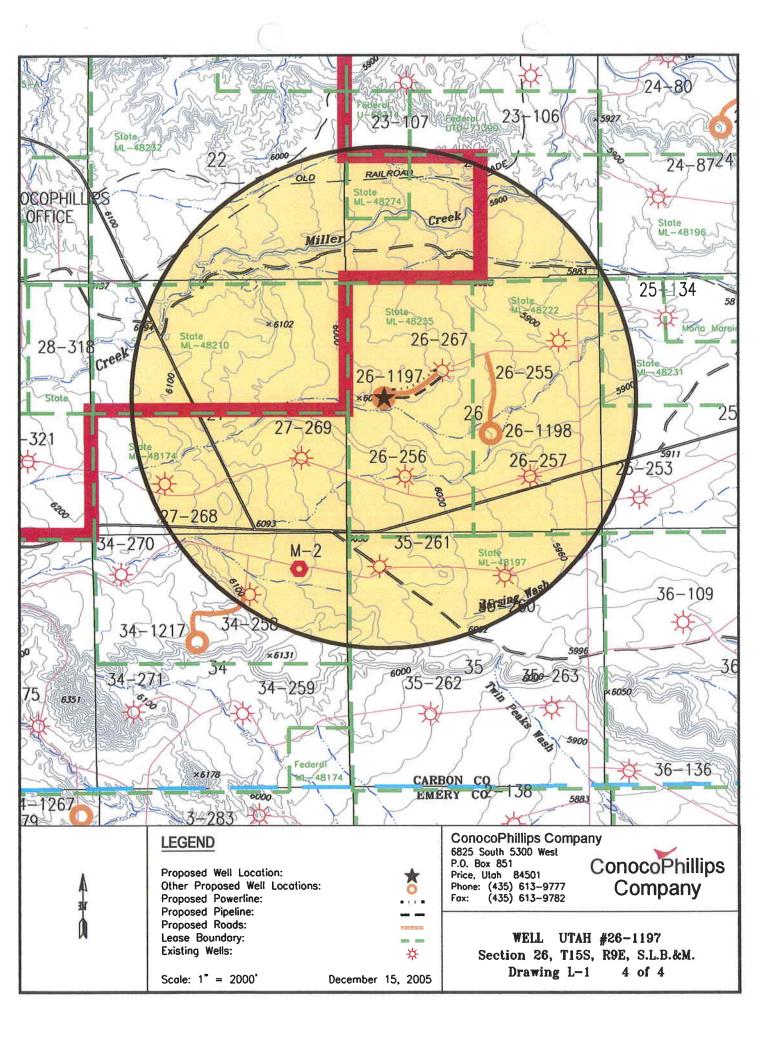
(6")TOPSOIL STRIPPING = 810 CU. YDS.

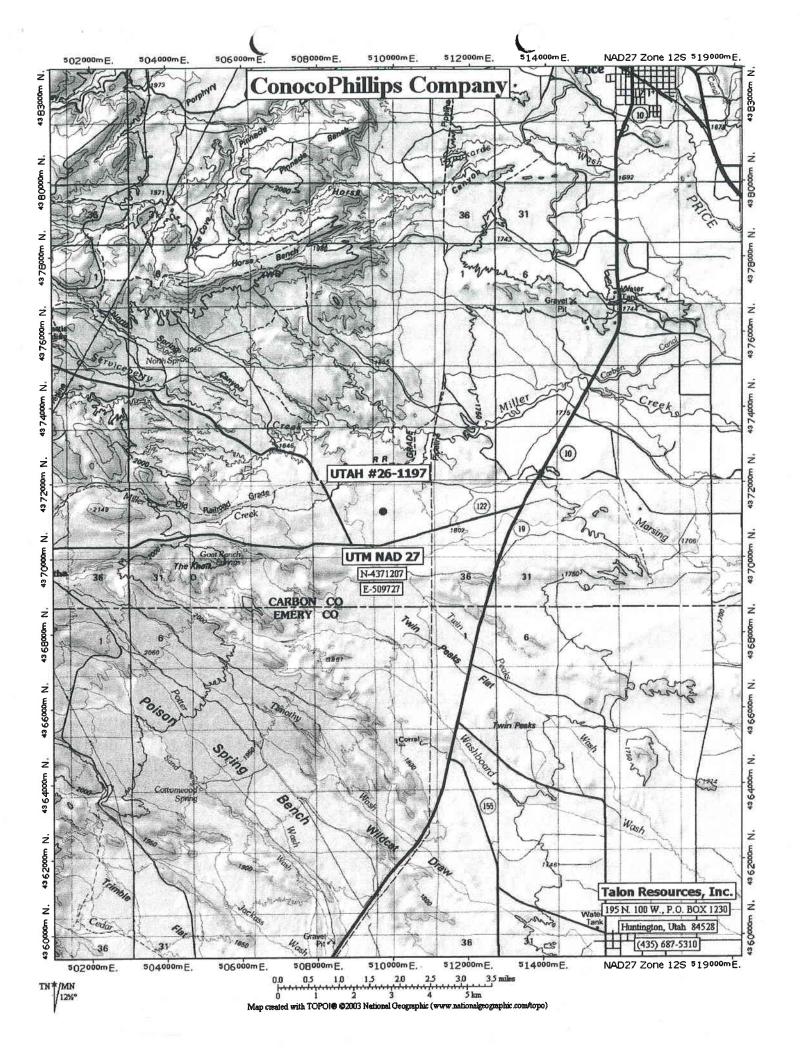
REMAINING LOCATION = 2,305 Cu, YDS.

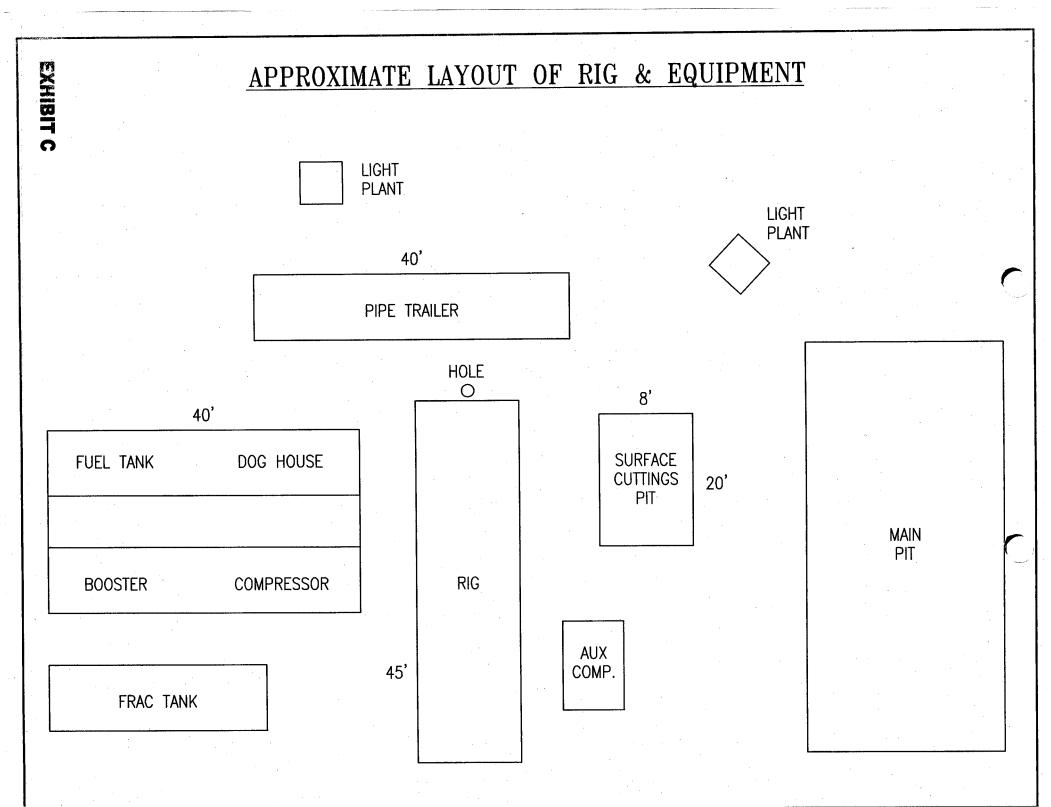
(INCLUDING TOPSOIL STRIPPING)

TOTAL CUT (INCLUDING PIT) = 3,055 Cu. YDS.

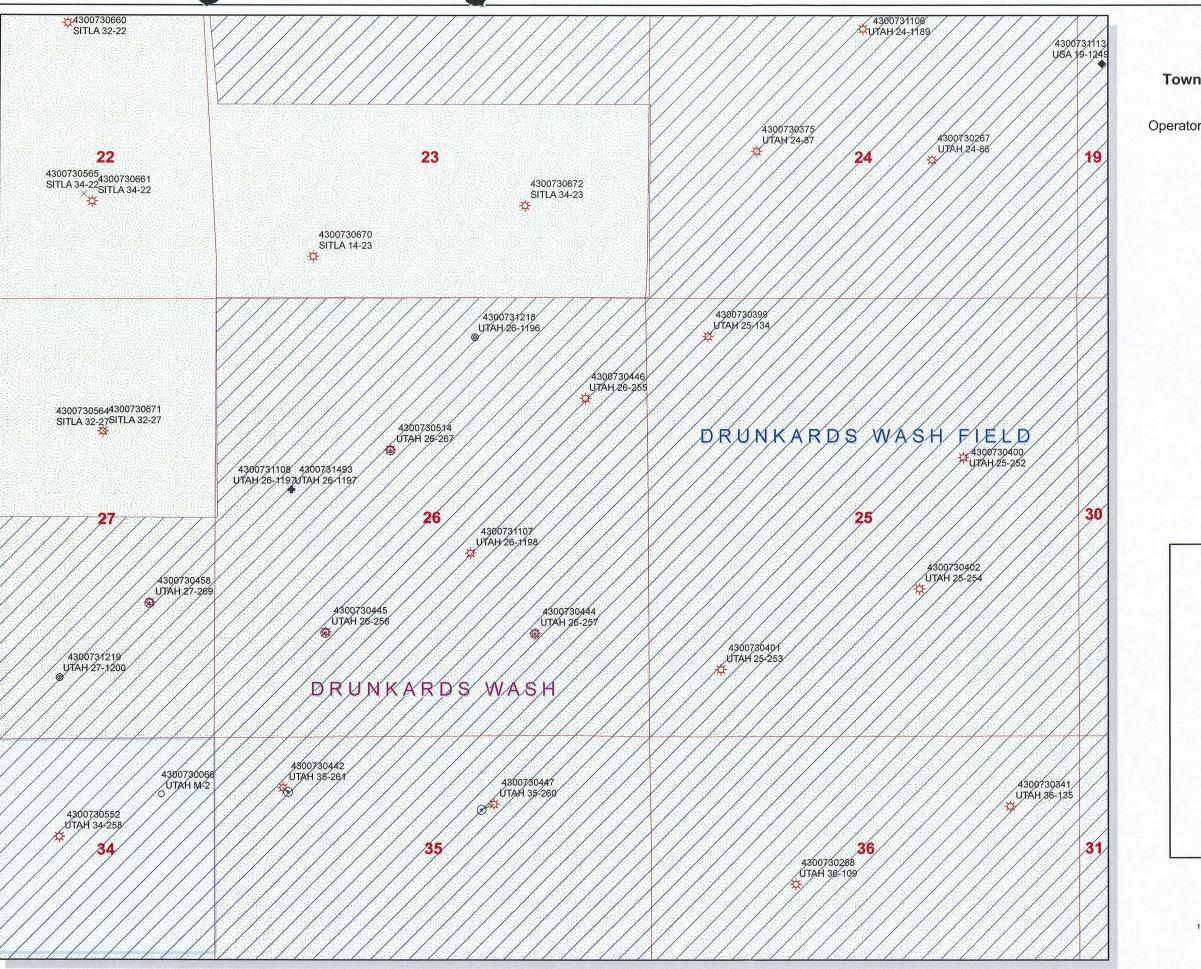
TOTAL FILL = 615 Cu. YDS.







APD RECEIVED: 03/23/2009	API NO. ASSIGNED: 43-007-31493
WELL NAME: UTAH 26-1197  OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )  CONTACT: DONNA WILLIAMS	PHONE NUMBER: 435-688-6943
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWNW 26 150S 090E	Tech Review Initials Date
SURFACE: 2315 FNL 0919 FWL BOTTOM: 2315 FNL 0919 FWL	Engineering DKO 4/15/09
COUNTY: CARBON	Geology
LATITUDE: 39.49236 LONGITUDE: -110.88681  UTM SURF EASTINGS: 509733 NORTHINGS: 43712	Surface
FIELD NAME: DRUNKARDS WASH ( 48  LEASE TYPE: 3 - State  LEASE NUMBER: ML 48235  SURFACE OWNER: 3 - State	
Plat  Plat  Bond: Fed[] Ind[] Sta[] Fee[]  (No. 1016922 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL )  RDCC Review (Y/N)  (Date: )  MA Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: DRUNKARDS WASH  R649-3-2.
STIPULATIONS: 1- THE OPE	Presity (Red 1-18-06)  RATOR SHALL COMPLY WITH  S OF APPROVAL FROM  L ONSITE REVIEW.



API Number: 4300731493

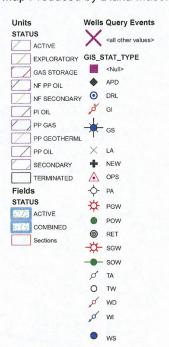
Well Name: UTAH 26-1197

Township 15.0 S Range 09.0 E Section 26

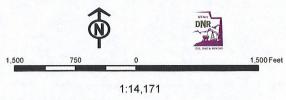
Meridian: SLBM

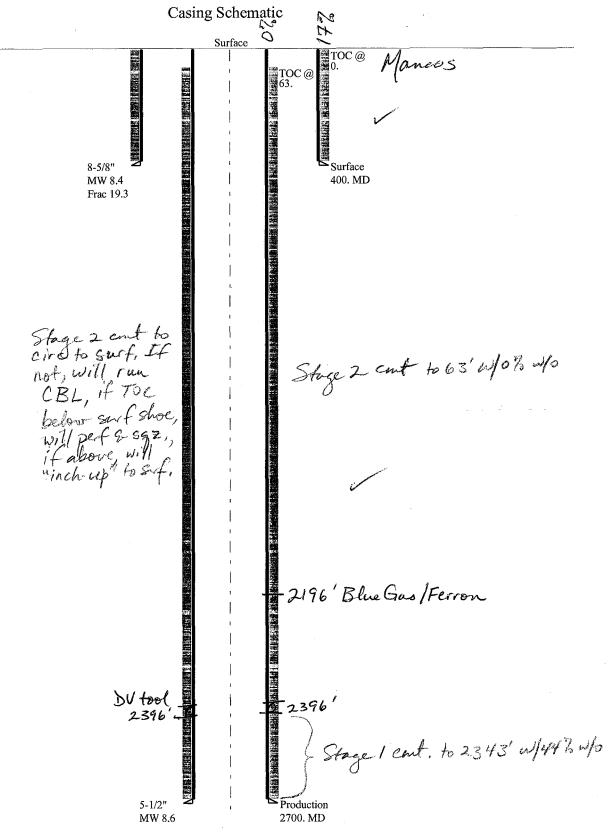
Operator: CONOCOPHILLIPS COMPANY

Map Prepared: Map Produced by Diana Mason









Well name:

43007314930000 ConocoPhillips Utah 26-1197

Minimum design factors:

Operator:

ConocoPhillps Company

String type:

Surface

Project ID:

Location:

Collapse

Carbon County

Design is based on evacuated pipe.

43-007-31493-0000

**Environment:** 

H2S considered?

Nο

Surface temperature:

65 °F

Bottom hole temperature: Temperature gradient:

71 °F 1.40 °F/100ft

Minimum section length:

250 ft

**Burst:** 

Design factor

**Tension:** 

Collapse:

Design factor

1.00 Cement top: Surface

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

352 psi

8.400 ppg

Internal gradient: Calculated BHP

Design parameters:

Mud weight:

0.120 psi/ft

400 psi

**Buttress:** Premium:

Body yield:

8 Round STC:

1.80 (J) 8 Round LTC: 1.60 (J)

1.80 (J)

349 ft

1.125

1.50 (J) 1.50 (B)

Tension is based on buoyed weight.

Neutral point:

Non-directional string.

Re subsequent strings:

Next setting depth:

2,700 ft

Next mud weight: Next setting BHP: 8.600 ppg 1,206 psi

Fracture mud wt:

19.250 ppg 400 ft

Fracture depth: Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	40ó	8.625	24.00	J-55	ST&C	400	400	7.972	143
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	8	244	29.09 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Mining by:

Phone: 801-538-5357 FAX: 810-359-3940

Date: March 25,2009 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43007314930000 ConocoPhillips Utah 26-1197

Operator:

ConocoPhillps Company

String type:

Production

Project ID:

Location:

Carbon County

43-007-31493-0000

Design parameters:

**Collapse** 

Mud weight:

8.600 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:** 

H2S considered?

Non-directional string.

No 65 °F

Surface temperature: Bottom hole temperature: 103 °F Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

**Burst:** 

Design factor

1.00

1.80 (J)

1.80 (J) 1.60 (J) Cement top:

63 ft

**Burst** 

Max anticipated surface

pressure: Internal gradient:

882 psi 0.120 psi/ft 1,206 psi

Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium:

1.50 (J) 1.50 (B) Body yield:

Tension is based on buoyed weight.

Neutral point:

2,348 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2700	5.5	17.00	N-80	LT&C	2700	2700	4.767	352.4
Run Seq	Collapse Load (psi) 1206	Collapse Strength (psi) 6290	Collapse Design Factor 5.215	Burst Load (psi) 1206	Burst Strength (psi) 7740	Burst Design Factor 6.42	Tension Load (Kips) 40	Tension Strength (Kips) 348	Tension Design Factor 8.72 J

Prepared

Helen Sadik-Macdonald Div of Oil, Gas & Mining

Phone: 801-538-5357 FAX: 810-359-3940

Date: March 25,2009 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2700 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

### BOPE REVIEW

### ConocoPhillips Utah 26-1197 API 43-007-31493-0000

INPUT		
Well Name	ConocoPhillips Utah 26-1197 API 43-007-31493	3-0000
•	String 1 String 2	
Casing Size (")	8 5/8 5 1/2	
Setting Depth (TVD)	400 2700	
Previous Shoe Setting Depth (TVD)	40.5 400	
Max Mud Weight (ppg)	8.4 8.6	
BOPE Proposed (psi)	3000	
Casing Internal Yield (psi)	2950 7740	
Operators Max Anticipated Pressure (psi)	1191 8.5 ppg 🗸	

Calculations	String 1	8 5/8	•	
Max BHP [psi]	.052*Setting Depth*MW =	175		<del></del>
		· · · · · · · · · · · · · · · · · · ·	BOPE Adequ	ate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	NO NO	Air drill
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO	
			*Can Full Ex	pected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth) =	96	NO NO	Ressorable Depth
Required Casing/BOPE Test	Pressure	400	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		41	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2			
Max BHP [psi]	.052*Setting Depth*MW =	1207			
			BOPE Ade	quate	For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	883	YES	3 /	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	613	YES	3	Air drill w/rotating head
			*Can Full E	xpect	ed Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth) =	701	< NO	0	N.
Required Casing/BOPE Test	Pressure	2700	psi Î		
*Max Pressure Allowed @ Previous Casing Shoe =		<i>(</i> 400	psi 😿		*Assumes 1psi/ft frac gradient
<del></del>			ALL DE LA CONTRACTOR DE		<del></del>

From:

Ed Bonner

To:

Mason, Diana 3/30/2009 7:24 AM

Date: Subject:

Re: Fwd: ConocoPhillips APDs

CC:

Hill, Brad

Thats fine. Weve got no problem here

>>> Diana Mason 3/25/2009 6:42 AM >>>

Will these need a wells clearance?

ConocoPhillips	43-007-31486	Utah 31-1068
ConocoPhillips	43-007-31487	Utah 33-1074
ConocoPhillips	43-007-31488	Utah 11-1159
ConocoPhillips	43-007-31489	Utah 11-1157
ConocoPhillips	43-007-31490	Utah 13-1169
ConocoPhillips	43-007-31491	Utah 18-1179
ConocoPhillips	43-007-31492	Utah 19-1181
ConocoPhillips	43-007-31493	Utah 26-1197
ConocoPhillips	43-007-31494	Utah 6-1228
ConocoPhillips	43-007-31495	Utah 02-1264

### >>> Brad Hill 3/24/2009 5:22 PM >>>

I guess we'll skip the onsites on these.

### >>> Mark Jones 3/24/2009 4:55 PM >>>

I've looked these over. As you mentioned they are re-submittals. The locations are already built from the previous permit we issued. I've looked at the paperwork and no changes seem to have been made to the location layouts. I see no reason to do onsites on these. Most of these I have been to since the first of the year doing routine inspections for anyway and there have been no issues.

Mark L. Jones Utah DOGM

>>> Brad Hill 3/23/2009 3:08 PM >>>

Mark

Would you take a look at these and give me your opinion on whether or not we should do a new onsite. These are all resubmittals.



GARY R. HERBERT Lieutenant Governor

# State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

April 15, 2009

ConocoPhillips Company P O Box 51810 Midland, TX 79710

Re:

Utah 26-1197 Well, 2315' FNL, 919' FWL, SW NW, Sec. 26, T. 15 south, R. 9 East,

Carbon County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31493.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

**SITLA** 

Bureau of Land Management, Price Field Office



Operator:	ConocoPhillips Company	
Well Name & Number	Utah 26-1197	
API Number:	43-007-31493	
Lease:	ML 48235	

Location: <u>SW NW</u>

**Sec.** 26

**T.** 15 South

**R.** <u>9 East</u>

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

Dan Jarvis at:

(801) 538-5338 office

(801) 942-0871 home

Carol Daniels at:

(801) 538-5284 office

Dustin Doucet at:

(801) 538-5281 office

(801) 733-0983 home

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2 43-007-31493 April 15, 2009

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. The Operator shall comply with the Conditions of Approval from the original on-site review.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, O	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48235	
SUNDRY NOTICES AND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen exi drill horizontal laterals. Use APPLICATION FOR	7. UNIT or CA AGREEMENT NAME: Drunkards Wash UTU67921X	
1. TYPE OF WELL OIL WELL GAS WELL 🔽	8. WELL NAME and NUMBER: Utah 26-1197	
2. NAME OF OPERATOR:		9. API NUMBER:
ConocoPhillips Company	4300731493	
	PHONE NUMBER: (423) 688-6943	10. FIELD AND POOL, OR WILDCAT:  Drunkards Wash
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315 FNL & 919 FWL		соинту: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW	6 15S 9E	STATE: UTAH
11. CHECK APPROPRIATE BOXES	O INDICATE NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
✓ NOTICE OF INTENT ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
10/19/2009	PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only)	PLUG BACK	WATER DISPOSAL
Date of work completion:	PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUC	G FORMATIONS 🕡 RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.  ConocoPhillips Company will be reclaiming the		
NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Spo	ecialist
SIGNATURE SIGNATURE	DATE 10/14/2009	

(This space for State use only)

**RECEIVED** OCT 19 2009

STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48235
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: DRUNKARDS WASH
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UTAH 26-1197
2. NAME OF OPERATOR: CONOCOPHILLIPS COMPANY			9. API NUMBER: 43007314930000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 51810 , Midland, TX, 79710 1810  432 688-6927 Ext			9. FIELD and POOL or WILDCAT: DRUNKARDS WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315 FNL 0919 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNW Section: 26	P, RANGE, MERIDIAN: 5 Township: 15.0S Range: 09.0E Meridian: S	5	STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE [	ALTER CASING	☐ CASING REPAIR
Approximate date work will start: 4/12/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING  COMMINGLE PRODUCING FORMATIONS	CHANGE WELL NAME
	☐ CHANGE WELL STATUS	FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all perti any respectfully request to ext to Drill for an additional yea	end the approved Permit r.	Approved by the Utah Division of Oil, Gas and Mining  ate: May 03, 2010  y:
NAME (PLEASE PRINT) Donna Williams	PHONE NUMBER 432 688-6943	TITLE	
SIGNATURE N/A		<b>DATE</b> 4/29/2010	



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43007314930000

**API:** 43007314930000 Well Name: UTAH 26-1197

Location: 2315 FNL 0919 FWL QTR SWNW SEC 26 TWNP 150S RNG 090E MER S

Company Permit Issued to: CONOCOPHILLIPS COMPANY

**Date Original Permit Issued:** 4/15/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

the informa require revi	tion as submitted in the sion. Following is a che	previously app klist of some it	roved application to the second contract to t	on to drill, ren the applicatio	nains valid and do n, which should b	es not e verified.
	ated on private land, haded? 💮 Yes 🌘 No	s the ownership	changed, if so,	has the surfa	ce agreement bee	en
	any wells been drilled in requirements for this lo			ell which wou	ıld affect the spac	ing or
	nere been any unit or ot s proposed well? () Yo		s put in place th	at could affec	t the permitting o	r operatio
	there been any changes the proposed location?		oute including o	ownership, or	rightof- way, whi	ch could
• Has tl	ne approved source of w	ater for drilling	g changed?	Yes 📵 No		
	there been any physical je in plans from what w				oute which will red Yes 📵 No	ηuire a
• Is bor	nding still in place, whic	h covers this p	roposed well? ((	Yes 🗍 I	Approved by No Utah Divisio Oil, Gas and M	n of
	Donna Williams		4/29/2010			
Title:	Sr. Regulatory Specialist	Representing:	CONOCOPHILLIP	S COMPANPat	e: May 03, 20	10
		_			Million of	

By: Dodg

Sundry Number: 14277 API Well Number: 43007314930000

STATE OF UTAH			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48235
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT OF CA AGREEMENT NAME: DRUNKARDS WASH
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UTAH 26-1197
2. NAME OF OPERATOR: CONOCOPHILLIPS COMPANY			<b>9. API NUMBER:</b> 43007314930000
3. ADDRESS OF OPERATOR: P.O. Box 51810 , Midland, TX		NE NUMBER: 43 Ext	9. FIELD and POOL or WILDCAT: DRUNKARDS WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315 FNL 0919 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 26 Township: 15.0S Range: 09.0E Meridian: S			STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
4/11/2011	☐ CHANGE WELL STATUS	$\square$ commingle producing formations	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	DMPLETED OPERATIONS. Clearly show all per pany respectfully request to re one additional year.	new the drilling permit fo	
NAME (PLEASE PRINT) Donna Williams	<b>PHONE NUMBER</b> 432 688-6943	TITLE Sr. Regulatory Specialist	
SIGNATURE	TJ2 UUU-UJHJ	DATE	
N/A		4/11/2011	

Sundry Number: 14277 API Well Number: 43007314930000



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43007314930000

**API:** 43007314930000 **Well Name:** UTAH 26-1197

Location: 2315 FNL 0919 FWL QTR SWNW SEC 26 TWNP 150S RNG 090E MER S

Company Permit Issued to: CONOCOPHILLIPS COMPANY

**Date Original Permit Issued:** 4/15/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes </li> <li>No</li> </ul>
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Signature: Donna Williams Date: 4/11/2011

Title: Sr. Regulatory Specialist Representing: CONOCOPHILLIPS COMPANY



Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

June 14, 2012

ConocoPhillips Company P.O. Box 51810 Midland, TX 79710-1810

Re:

APD Rescinded - UTAH 26-1197, Sec. 26, T.15S, R.9E,

Carbon County, Utah API No. 43-007-31493

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on April 15, 2009. On May 3, 2010 and April 14, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 14, 2012.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely.

Diana Mason

**Environmental Scientist** 

cc:

Well File

SITLA, Ed Bonner

